Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method of dynamically checking a set of one or more resource controls associated with resource consumption of newly added software to an operating system, the method comprising:

while the operating system is executing, ~~encountering the~~ integrating resource controls associated with the newly added operating system software into a set of one or more resource controls already associated with the operating system before addition of the newly-added operating system software, ~~and the associated set of one or more resource controls by an operating system entity in the operating system,~~ wherein each of ~~the set of~~ one or more resource controls in the integrated set of one or more resource controls identifies one or more resources, each of the set of resource controls having one or more limiting values associated therewith ~~, each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded~~;

in response to a request for one of the resources by an operating system entity, determining whether usage of one of the one or more resources by the operating system entity exceeds one of the limiting values for ~~in the~~ one of the resource controls, in the integrated set of one or more resource controls, corresponding to the requested one of the resources;

~~triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values;~~ and

granting the requested one of the ~~one or more~~ resources to the operating system entity if the one limiting value has not been exceeded.

2.   (Previously Presented) A method as recited in claim 1 further comprising searching by the operating system entity a first set of resource controls to locate the one of the set of resource controls.

3.   (Previously Presented) A method as recited in claim 2 further comprising searching by the operating system entity a second set of resource controls associated with a plurality of entities to locate the one of the set of resource controls.

4.   (Previously Presented) A method as recited in claim 1 further comprising determining whether the resource associated with the resource control is active.

5.   (Previously Presented) A method as recited in claim 1 further comprising loading the one of the set of resource controls from a global set of controls to a local set of controls associated with the operating system entity.

6.   (Previously Presented) A method as recited in claim 1 further comprising notifying a plurality of other entities when there is a violation of one of the limiting values by the operating system entity.

7.   (Previously Presented) A method as recited in claim 1 wherein the operating system entity is one of a process, task, and a project in the operating system.

8.   (Currently Amended) A method as recited in claim 1 wherein ~~encountering the newly added software and the associated set of resource controls by an operating system entity in the operating system further~~ integrating the resource controls associated with the added operating system software includes registering the ~~set of~~ resource controls associated with the newly added operating system software with the operating system.

9.   (Original)   A method as recited in claim 1 further comprising manually changing the limiting value as desired.

10.   (Currently Amended) A system for dynamically checking a set of one or more resource controls associated with resource consumption of newly added software to an operating system, the apparatus comprising:
        means for, while the operating system is executing, ~~recognizing the~~ integrating resource controls associated with the newly added operating system software into a set of one or more resource controls already associated with the operating system before addition of the newly-added operating system software, ~~and the associated set of one or more~~

Atty. Docket No.: SUN1P726/P5721NP   Page 3 of 8   Serial No.: 09/785,022

PAGE 5/10 * RCVD AT 12/17/2004 1:35:05 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:16509618301 * DURATION (mm-ss):03-20

~~resource controls by an operating system entity in the operating system,~~ wherein each of ~~the set of~~ <u>one or more</u> resource controls <u>in the integrated set of one or more resource controls</u> identifies one or more resources, each of the set of resource controls having one or more limiting values associated therewith ~~, each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded~~;

means for<u>, in response to request for one of the resources by an operating system entity,</u> determining whether usage of one of the one or more resources by the operating system entity exceeds one of the limiting values in the <u>integrated</u> ~~one of the set~~ of <u>one or more</u> resource controls corresponding to the <u>requested</u> one of the resources;

~~means for triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values;~~ and

means for granting the <u>requested</u> one of the ~~one or more~~ resources to the operating system entity if the limiting value has not been exceeded.

11. (Currently Amended) A computer-readable medium containing programmed instructions arranged to dynamically check a set of one or more resource controls associated with resource consumption of newly added software to an operating system, the computer-readable medium including programmed instructions for:

<u>while the operating system is executing,</u> ~~encountering the~~ <u>integrating resource controls associated with the</u> newly added <u>operating system</u> software <u>into a set of one or more resource controls already associated with the operating system before addition of the newly-added operating system software,</u> ~~and the associated set of one or more resource controls by an operating system entity in the operating system,~~ wherein each of ~~the set of~~ <u>one or more</u> resource controls <u>in the integrated set of one or more resource controls</u> identifies one or more resources, each of the set of resource controls having one or more limiting values associated therewith ~~, each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded~~;

<u>in response to a request for one of the resources by an operating system entity,</u> determining whether usage of one of the one or more resources by the operating system entity exceeds one of the limiting values in the <u>integrated</u> ~~one of the~~ set of <u>one or more</u> resource controls corresponding to the <u>requested</u> one of the resources;

~~triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values;~~ and

granting the <u>requested</u> one of the ~~one or more~~ resources to the operating system entity if the limiting value has not been exceeded.

12.   (Currently Amendment) A system for dynamically checking a set of one or more resource controls associated with resource consumption of newly added software to an operating system comprising:

one or more processors; and

a computer readable medium storing a program for execution by the one or more processors comprising:

computer code that<u>, while the operating system is executing,</u> ~~recognizes~~ <u>integrates resource controls associated with</u> the newly added <u>operating system</u> software <u>into a set of one or more resource controls already associated with the operating system before addition of the newly-added operating system software,</u> ~~and the associated set of one or more resource controls by an operating system entity in the operating system;~~ wherein each of ~~the set of~~ one or more resource controls <u>in the integrated set of one or more resource controls</u> identifies one or more resources, each of the resource controls having one or more limiting values associated therewith <u>,</u> ~~each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded;~~

computer code that<u>, in response to a request for one of the resources by an operating system entity,</u> determines whether usage of one of the one or more resources by the operating system entity exceeds one of the limiting values in the <u>integrated</u> ~~one of the~~ set of <u>one or more</u> resource controls corresponding to the <u>requested</u> one of the resources ;

~~computer code for triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values;~~ and

computer code that grants the <u>requested</u> one of the ~~one or more~~ resources to the operating system entity if the limiting value has not been exceeded.

13. - 19. (Cancelled)

20.   (Previously Presented) The method as recited in claim 1, further comprising:

resetting the limiting value of the one of the set of resource controls to another threshold

value.

21.   (Previously Presented) The method as recited in claim 1, further comprising:

dynamically adding the set of resource controls to a second set of resource controls.

22.   (Previously Presented) The method as recited in claim 1, further comprising:

removing the set of resource controls from a second set of resource controls.

23.   (Previously Presented) The method as recited in claim 1, further comprising:

adding the set of resource controls to a global set of resource controls maintained by the

operating system, thereby enabling operating system entities of the operating system to be aware

of additional capabilities of the operating system added by the set of resource controls and the

associated newly added software module.

24.   (Previously Presented) The method as recited in claim 23, wherein adding the set of

resource controls to a global set of resource controls maintained by the operating system is

performed when encountering the newly added software is executed for a first time.

25.   (Previously Presented) The method as recited in claim 23, wherein adding the set of

resource controls to a global set of resource controls maintained by the operating system is

performed when the newly added software is loaded.

26.   (Previously Presented) The method as recited in claim 23, further comprising:

removing the set of resource controls from the global set of resource controls.

27.   (Previously Presented) The method as recited in claim 26, wherein removing the set of

resource controls from the global set of resource controls is performed when the newly added

software is unloaded.

28.   (Previously Presented) The method as recited in claim 1, further comprising:

adding the set of resource controls to a local set of resource controls associated with an

operating system entity within the operating system.

29. - 31. (Cancelled)

32.   (Previously Presented) The method as recited in claim 1, wherein determining, triggering

and granting are performed by the operating system.

33.   (Cancelled)

34.   (New) A method as recited in claim 1, further comprising:
if the one limiting value has been exceeded, causing execution of one or more actions

associated with the one limiting value.

35.   (New) The system as recited in claim 10, wherein the apparatus further comprises:
means for, if the one limiting value has been exceeded, causing execution of one or more

actions associated with the one limiting value.